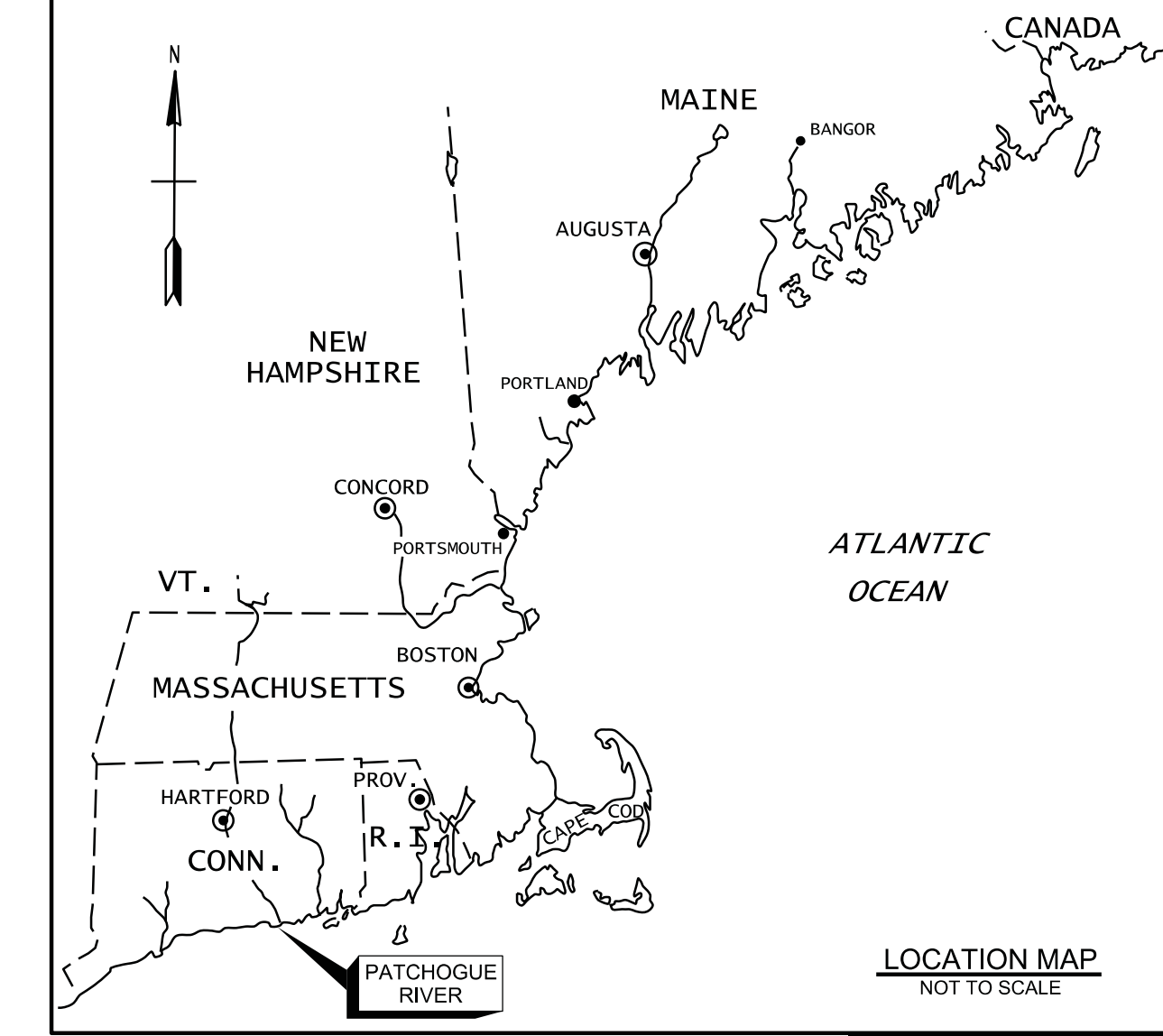


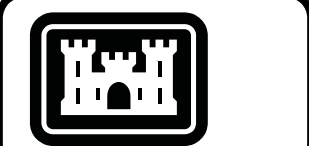
INDEX OF NAVIGATION AIDS			
NO.	DATE	STATE PLANE COORDINATES	GEOGRAPHIC POSITION
FL-R-2	12/13/16	N 657881.65 E 1076241.10	41°-15'-58.7"N 72°-28'-21.6"W
GC-3	12/13/16	N 658163.81 E 1076163.41	41°-16'-01.5"N 72°-28'-22.6"W
RN-4	12/13/16	N 658529.14 E 1076371.80	41°-16'-05.1"N 72°-28'-19.9"W

GENERAL NOTES:

- SOUNDINGS ARE IN FEET AND TENTHS. THE REFERENCE PLANE IS MEAN LOWER LOW WATER (MLLW) AND IS BASED ON THE 1983-2001 TIDAL EPOCH. SOUNDINGS NOTED WITH A (+) ARE ABOVE THE REFERENCE PLANE OF MLLW. SOUNDINGS WITHOUT A SIGN ARE BELOW THE REFERENCE PLANE OF MLLW, AND SHOULD BE CONSIDERED NEGATIVE.
- TOPOGRAPHY SHOWN IS FROM PREVIOUS SURVEYS, AERIAL IMAGERY AND/OR NOAA CHART NO. 12374. ALL TOPOGRAPHY, INCLUDING SHORELINE, BRIDGES, PIERS, ETC., IS LOCATED APPROXIMATE UNLESS OTHERWISE NOTED AND SHOULD BE USED AS A GENERAL REFERENCE ONLY.
- BENCH MARK DATA: TIDES WERE RECORDED USING RTK GPS. THE MLLW TO NAVD88 CORRECTION FOR THIS PROJECT IS 2.80 FEET. THE CORRECTION WAS ESTABLISHED IN THE VICINITY OF NOAA BENCH MARKS AT CLINTON, CLINTON HARBOR, CONNECTICUT (STATION ID 8463701, 05/15/2003). THE REFERENCE POINT ESTABLISHED FOR THE CORRECTION IS STATION FRY 2 (2005). NAVD88 IS ABOVE MLLW; THEREFORE THE CORRECTION SHOULD BE ADDED TO NAVD88 TO CONVERT TO MLLW. NO TIDE GAUGES WERE USED ON THIS PROJECT. THE AVERAGE RANGE OF TIDE IS 4.1 FEET.
- COORDINATES SHOWN ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE STATE OF CONNECTICUT (ZONE 0600), NAD 1983 AND ARE BASED ON U.S. SURVEY FEET.
- SURVEY CONDUCTED DURING MAY 2015 WAS PERFORMED USING A RESON 7125 MULTIBEAM SONAR SYSTEM OPERATING AT 400 KHZ AND SURVEY CONDUCTED DURING DECEMBER 2016 WAS PERFORMED USING AN R2 SONIC 2024 MULTIBEAM SONAR SYSTEM OPERATING AT 300 KHZ. HORIZONTAL POSITIONING AND REAL TIME TIDE READINGS WERE RECORDED UTILIZING A TRIMBLE SPS 855 RTK GPS SYSTEM. THE RTK BASE STATION USED FOR ALL SURVEYS WAS STATION FRY 2 (2007).
- THE SOUNDING INFORMATION SHOWN ON THESE MAPS REPRESENTS THE SHOALEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING MAY 2015 AND DECEMBER 2016.
- THE SOUNDING INFORMATION DEPICTED ON THESE MAPS SHOULD NOT BE USED TO DETERMINE VOLUMES. VOLUMES ARE DETERMINED FROM MORE SOUNDING INFORMATION THAN SHOWN.
- THE INFORMATION DEPICTED ON THESE MAPS REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.
- FIELD BOOK: R&H 4543
8-FOOT DEPTH CONTOUR SHOWN THUS: _____
SURVEYED (DECEMBER 2016) BY: ROBERT MACGOVERN AND CREW
SURVEYED (MAY 2015) BY: ADRIEN LUSSIER AND CREW
REFER TO SURVEY NO. 15-1362 AND 16-1434



LOCATION MAP
NOT TO SCALE



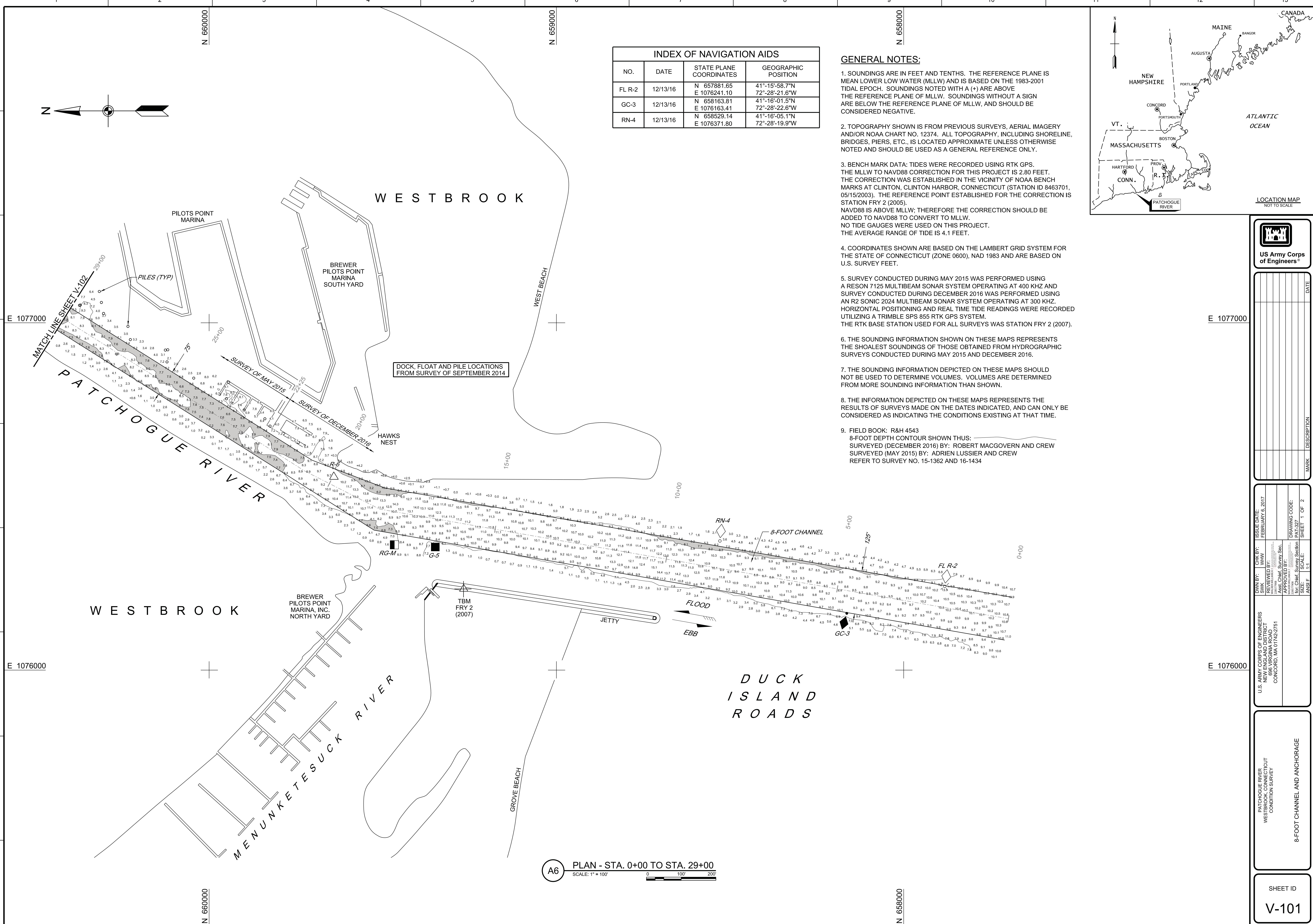
US Army Corps
of Engineers®

MARK	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 686 VIRGINIA ROAD CONCORD, MA 01742-2751	ISSUE DATE: FEBRUARY 6, 2017
CHK BY: WHW	DRAWING CODE: SHEET 1 OF 2
REV BY: ASST. CHIEF SURVEY SEC.	SCALE: AS SHOWN
APPROVED BY: [Signature]	SIZE: ANSI F

PATCHOGUE RIVER
WESTBROOKE, CONNECTICUT
CONDITION SURVEY

SHEET ID
V-101



A6 PLAN - STA. 0+00 TO STA. 29+00
SCALE: 1" = 100'

